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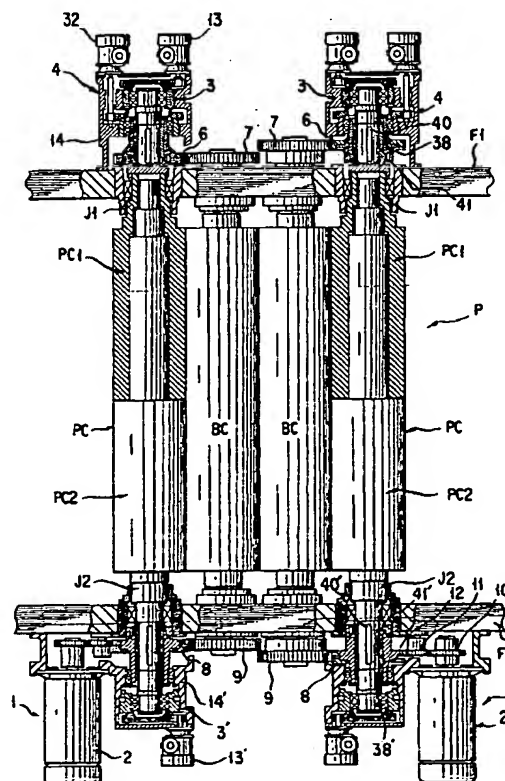
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(54) **Apparatus for registration of multicolor printing images in a web-fed offset press**

(57) A web-fed, multicolor, offset perfecting printing press having a series of printing units (P) for printing different color images on both sides of a continuous web (W) of paper, each printing unit having a combination of a plate cylinder (PC) and a blanket cylinder (BC) on one side of the web, and another such combination on the other side. Each plate cylinder is split into a pair of halves (PC₁ and PC₂) for printing a pair of images in juxtaposition transversely of the web, the pair of halves of the plate cylinder being capable of independent displacement both axially and circumferentially of the plate cylinder.

For precise registration of the different color images printed by the different printing units (P) on the web, there are provided a pair of axial adjustments (3 and 3', or 3a and 3a') coupled to opposite ends of each plate cylinder (PC) for causing axial displacement of the respective plate cylinder halves with a view to fine image positioning transversely of the web, and a circumferential adjustment (4 or 4a) for causing circumferential displacement of either half of each plate cylinder with a view to fine image positioning longitudinally of the web. A separate drive mechanism (1) drives each combination of one plate cylinder and one blanket cylinder of each printing unit, so that each drive mechanism serves the additional purpose of positioning the images longitudinally of the web preparatory to fine positioning.

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 01 11 8074

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Place of search		Date of completion of the search	Examiner
The Hague		19 December 2003	Gavaza, B
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